Work Orde Wednesday, Jun		-		·										Page 1
Item ID: Revision ID: Item Name:	D412-702-3			1	Accept						Setup	Start Stop		
Start Date: Required Date: Reference:	6/9/2010	Start Qty: Req'd Qty					Cust Iten Custome					гор	! ! 	111 11 11 11 11 11 11 11
Approvals:	Process Pla	n:/		Date: <u>10609</u> Date:	Tooling			Date:			Run	Start Stop		
Sequence ID/ Work Center II)	Operation Description			Set U Run	Up/ Hours	Tool ID	Tool #	Plan Code	Accep: Qty	t Rej Qty		Reject Number	Insp. Stamp
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DSI 9511	A													
Small Fab		M	emo		0.00					4	5/0	106	10	0
Small Fab		As	ssemble as per	dwg ICA D412-702 p.	49							Z		
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120					0.00						16.	ŕ		
Packaging		Me	emo		0.00							6	16	
Packaging		CH Lo	entify with P/N HG001 cation: 26 P Rev:	& CHG# and pack for	shipping as	per PPP D41	2-702-311							

Dart	Aeros	pace	Ltd
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W/O:			W	ORK ORDER CHANG	ES	,					
DATE	STEP	PRO	CEDURE CHA	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
				7.00							
Part No	:	PAR #:	Fault Cate	gory:	_ NCR: Yes N	lo DQA:	Date: _				
						QA: N/C Closed: Date:					
NCR:		V	VORK ORD	ER NON-CONFORMA	NCE (NCR)						
DATE	STEP	Description of NC	1	Corrective Action Section		Verification	Approval Chief Eng	Approval			
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C		QC Inspector			
				•							
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Work Ord Wednesday, Jun										-		Page 2
Item ID: Revision ID:	D412-702-3			Accept					Setup			
Item Name: Start Date: Required Date Reference:	Harness Asset 6/9/2010 : 6/17/2010	Start Qty: 1.00 Req'd Qty: 1.00			Cust Item l Customer:	D:				Stop		1818 118 118) tob
Approvals:	Process Pla	an:	Date:	Tooling: SPC (Y/N):		ate:			Run	Start Stop		
Sequence ID/ Work Center I 130	D	Operation Description QC21- Final Inspection	Work Order Release	Set Up/ Run Hours 0.00	Tool ID	Tool #	Plan Code	Accep Qty	t Rej Qty		Reject Number	Insp. Stamp
QC		Memo		0.00							<i></i>	

Quality Control

U 1006-11

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W/O:			W	ORK ORDER CHANG	ES		*****		· ·
DATE	STEP	PRO	CEDURE CH	IANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Cat	legory:	NCR: Ye	s No D	QA:	Date: _	I
	Re	esolution:	Dispositi	ion:	_ QA: N/C	Closed: _		Date:	
NCR:		V	WORK ORI	DER NON-CONFORMA	NCE (NC	R)			
DATE	STEP	Description of NC Section A	Initial	Corrective Action Section Description	on B		ification	Approval	Approval
		33310177	Chief Eng	Chief Eng	Da		ection C	Chief Eng	QC Inspector
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Picklist Print

Wednesday, June 09, 2010 11:15:02 AM

Work Order ID: 59648

D412-702-311

Parent Item:

Parent Item Name: Harness Assembly



Start Date: 6/9/2010

Required Date: 6/17/2010

Comments:	IPP Rev:A new issu	ne DD 10.04.30	verified	l:EC				5	Start Qty: 1.00		Require	ed Qty: 1.0	00
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3570-1		Manufactured	No			100	Each	24.0000		Bio	66/10)	
				<u>Location</u> ST245A	55311	<u>Loc (</u>	<u>Qty</u> 24 24	Loc Code	_	B52	1167		
D4088-043		Manufactured	No	·		100	Each	8.0000		30	/06/	10	
				Location ST272A	58233	<u>Loc (</u>	<u>Otv</u> 8 8	Loc Code	-				
MS24694-S50		Purchased	No			100	Each	42.0000	4	4/5	10/00	/10	
				Location ST289	113538	<u>Loc (</u>	Qty 42 42	Loc Code		4	-		
AN960JD10L 	NAS1149D0332J	Purchased	No			100	Each	3,795.000	4	4/5/	0/04	/10	
				Location ST348	110985		<u>Oty</u> 3795 3795	Loc Code		4			

Dart	Aeros	pace	Ltd
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W/O:			WC	RK ORDER CHANG	ES				,
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date (Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:							
	Res	solution:	Disposition);	_ QA: N/C Clo	sed:		_ Date: _	
NCR:		•	WORK ORDE	R NON-CONFORMA	ANCE (NCR)			
DATE	STEP	Description of NC		Corrective Action Section		Verificat	ion	Approval	Approval
	J.E.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C		Chief Eng	QC Inspector

Picklist Print

Wednesday, June 09, 2010 11:15:02 AM

Page 2

Work Order ID: 59648

Parent Item:

D412-702-311

Parent Item Name: Harness Assembly

Comments:

IPP Rev:A new issue DD 10.04.30 verified:EC

Start Date: 6/9/2010

Start Qty: 1.00

Required Date: 6/17/2010

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MS21042L3		Purchased	No			100	Each	3.346.000	4	4			



Location	Loc Oty	Loc Code		•
ST300	3346		_	
113537	18		_	
113644	3		_	
114523	825			4
114718	500		_	
114784	2000			•

Dart A	\eros	pace	Ltd
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W/O:			WO	RK ORDER CHANG	ES			
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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							i.	
30 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -								
Part No	:	PAR #:	Fault Categ	ory:	NCR: Yes	No DQA :	Date: _	
Resolution: Disposition: QA								
NCR:			WORK ORDE	R NON-CONFORMA	ANCE (NCR)	· · · · · · · · · · · · · · · · · · ·	
DATE	STEP	Description of NC	Description of NC Corrective Action			Verification	cation Approval	Approval
	0121	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
	:							
	1	1					l	\ .

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-702 REV. E AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-702 REV. 3
REF TCCA STC SH04-7
REF FAA STC SR01997NY
REF EASA STC EASA,I.M.R.S.00710

This service instruction adds several kits equipped with improved inertia reels:

The Dart **D412-702-341** 13-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for all 13 passenger seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-041B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-343** 5-Man Forward Facing Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 5 forward facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-043B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-345** 4-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 4 aft facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-045B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-347** 4-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 4 side facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-047B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-349** 1-Man Shoulder Harness Kit provides a 3-point harness with an inertia reel and joined lap and shoulder belts for the center forward facing seating position in the aircraft cabin. The kit also contains hardpoints for securing the harness. The harness for this kit meets the requirements of TSO-C114 and replaces the existing lap belts. This kit should be installed similar to the **D412-702-049B** kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-351** 1-man 3-point shoulder harness kits are available for the outboard seats of the 5-man forward facing bench in Bell 205/212/214/412 model aircraft. The kit can be installed LH or RH. These kits should be installed similar to the D412-702-051B/-052B kits, as detailed in Table 1 of this service instruction.

The Dart **D214-702-337** 5-Man Aft Facing Shoulder Harness Kit provides 3-point harnesses with inertial reels and joined lap and shoulder belts for the 5-man aft facing seat installed in the Bell 214B/B1 model air traft PThis kit should be installed similar to the D214-702-037B kit, as detailed in Table 1 of this service instruction.

RETURN TO

The Dart D205-702-353 4-Man Aft Facing Shoulder Harness Kit provides 3-point harnesses with inertial reels and joined lap and shoulder harnesses for the 4-man aft facing seat installed in the UH-1 model aircraft. This kit should be installed similar to the D205-702-053B kit, as detailed in Table 1 of this service instruction.

WITHOUT NOTICE

WORK ORDER NO. 39648

13810-6-09

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

BY: D. SHEPHERD (DE # 02)

Α	NEW IS	SSUE	CP	10.03.18		
REV.			DESCRIPTION	BY	DATE	
DESIGN		P	DART AEROSP	ACE	LTD	
DRAWN		R	HAWKESBURY, ONTAR			
CHECKE	D	4	DRAWING NO.		REV. A	
MFG. AF	PR.	N/A	DSI 9511	SHEET 1 OF 6		
APPRO\	/ED	10	TITLE		SCALE	
DE APPR.			NEW SHOULDER HARNESS KITS NTS			
10.03.18			COPYRIGHT @ 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DATE ARCRSPACE LTD.			

Dart A	Aerosi	pace	Ltd
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W/O:			WC	RK ORDER CHANG	GES				
DATE	STEP	PR	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:	Fault Categ	jory:	NCR: Yes	No DQ	A:	Date:	I
	Re	solution:						Date:	·
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC	Description of NC Corrective Action			Verific	cation	Approval	Approval
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Secti	on C	Chief Eng	QC Inspector
							,		

NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

INSTALLATION

The Dart D412-702-3XX kits should be installed similar to the kits in Installation Instructions IIN-D412-702 Rev. E or Dart Service Instruction (DSI) listed below:

TABLE 1

Part Number	Description	Install similar to:
D412-702-341	Shoulder Harness Kit	D412-702-041B (IIN-D412-702, DSI 9408)
D412-702-343	Shoulder Harness Kit	D412-702-043B (IIN-D412-702, DSI 9453 [214], DSI 9408)
D412-702-345	Shoulder Harness Kit	D412-702-045B (IIN-D412-702, DSI 9469)
D412-702-347	Shoulder Harness Kit	D412-702-047B (IIN-D412-702, DSI 9408)
D412-702-349	Shoulder Harness Kit	D412-702-049B (IIN-D412-702, DSI 9408)
D412-702-351	Shoulder Harness Kit	D412-702-051B (LH) (DSI 9397, DSI 9408) D412-702-052B (RH) (DSI 9397, DSI 9408)
D214-702-337	Shoulder Harness Kit	D214-702-037B (DSI 9454)
D205-702-353	Shoulder Harness Kit	D205-702-053B (DSI 9460)
D412-702-301	Harness Assembly	D412-702-101B (IIN-D412-702)
D412-702-303	Harness Assembly	D412-702-103B (IIN-D412-702)
D412-702-305	Harness Assembly	D412-702-105B (IIN-D412-702)
D412-702-307	Harness Assembly	D412-702-107B (IIN-D412-702)
D412-702-309	Harness Assembly	D412-702-109B (IIN-D412-702)
D412-702-311	Harness Assembly	D412-702-111B (IIN-D412-702)
D412-702-313	Harness Assembly	D412-702-113B (IIN-D412-702)
D412-702-315	Harness Assembly	D412-702-115B (IIN-D412-702)
D412-702-317	Harness Assembly	D412-702-117B (IIN-D412-702)
D412-702-319	Harness Assembly	D412-702-119B (DSI 9454)
D412-702-321	Harness Assembly	D412-702-121B (DSI 9454, DSI 9469)
D412-702-323	Harness Assembly	D412-702-123B (DSI 9454, DSI 9469)

ulo 3-2648

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

BY: D. SHEPHERD (DE # 02)

DESIGN	P	DART AEROSPACI	ELTD	
DRAWN	97	HAWKESBURY, ONTARIO, CA		
CHECKED	4	DRAWING NO.	REV. A	
MFG. APPR.	N/A	DSI 9511	SHEET 2 OF 6	
APPROVED	140	TITLE	SCALE	
DE APPR.	#	NEW SHOULDER HARNESS KIT	S NTS	
DATE 10.0	3.18	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS COCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS MOT TO BE USED FOR ANY PURPOSE OR COPIC DO ROCMANUNICATED TO ANY OTHER PERSON WITHOUT WITTEN PERMASSION FROM DATH AEROSPACE LTD.		

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W/O:			W	ORK ORDER CHANG	ES	-					
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву			Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	•	PAR #:	Fault Cat	egory:	_ NCR: Y	es N	o DQ	4 :	_ Date: _		
	Re	esolution:	Dispositi	Disposition: QA: N/C Closed: Date:							
NCR:			WORK ORE	DER NON-CONFORMA	ANCE (N	CR)					
DATE	STEP	Description of NC	Description of NC Corrective Action			VA			Verification Approval Appro		
	0121	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date		Section C		QC Inspector	
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NOTE: Date & initial all entries

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PARTS LIST

TABLE 2

X	QTY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
X	х						D412-702-341	
X		X					D412-702-343	
X			х				D412-702-345	
X				х			D412-702-347	
D412-702-351 Shoulder Harness Kit					х		D412-702-349	
9 5 4 1 1 D3761-1-041 HOOK AND LOOP STRIP (DSI 9408) 2 1 1 1 D412-702-301 HARNESS ASSEMBLY (NEW) 1* 1* 1* 10 D4088-041 SHOULDER HARNESS (NEW) 4* 4* 4* 4* 4* MS24693S272 SCREW 4* 4* 4* 4* MS24693S272 SCREW 2 1 1 1 D412-702-303 HARNESS ASSEMBLY (NEW) 1* 1* 1* 1* D4088-041 WASHER 4* 4* 4* MS24693S272 SCREW 4* 4* 4* MS24693S273 SCREW 1* 1* 1* D3573-1 ADAPTER 1* 1* 1* D4088-041 SHOULDER HARNESS (NEW) 4* 4* MS24693S273 SCREW 4* 4* MS24693S272 SCREW 4* 4* MS2469						Х	D412-702-351	
9 5 4 1 1 D3761-1-041 HOOK AND LOOP STRIP (DSI 9408) 2 1 1 1 D412-702-301 HARNESS ASSEMBLY (NEW) 1* 1* 1* 10 D4088-041 SHOULDER HARNESS (NEW) 4* 4* 4* 4* 4* MS24693S272 SCREW 4* 4* 4* 4* MS24693S272 SCREW 2 1 1 1 D412-702-303 HARNESS ASSEMBLY (NEW) 1* 1* 1* 1* D4088-041 WASHER 4* 4* 4* MS24693S272 SCREW 4* 4* 4* MS24693S273 SCREW 1* 1* 1* D3573-1 ADAPTER 1* 1* 1* D4088-041 SHOULDER HARNESS (NEW) 4* 4* MS24693S273 SCREW 4* 4* MS24693S272 SCREW 4* 4* MS2469	1	1		1	1		D412-702-059	GROMMET KIT
2 1 1 1 D412-702-301 HARNESS ASSEMBLY (NEW) 1° 1° 1° 1° D3573-7 ADAPTER 1° 1° 1° 1° D4088-041 SHOULDER HARNESS (NEW) 4° 4° 4° 4° AN960JD10LL WASHER 4° 4° 4° 4° MS24693S272 SCREW 4° 4° 4° 4° MS21042L3 NUT 2 1 1 1 D412-702-303 HARNESS ASSEMBLY (NEW) 1° 1° 1° 1° D4088-041 SHOULDER HARNESS (NEW) 1° 1° 1° 1° D4088-041 SHOULDER HARNESS (NEW) 4° 4° 4° 4° MS24693S272 SCREW 4° 4° 4° 4° MS21042L3 NUT 1 1 1 D412-702-305 HARNESS ASSEMBLY (NEW) 1° 1° 1° 1° D3573-1 ADAPTER 1° 1° 1° 1° D4088-041 SHOULDER HARNESS (NEW) 1° 1° 1° 1° D4088-041 SHOULDER HARNESS (NEW) 1° 1° 1° D3573-1 NUT 1 1 D412-702-305 HARNESS ASSEMBLY (NEW) 1° 1° 1° D4088-041 SHOULDER HARNESS (NEW) 1° 1° 1° SSEMBLY (NEW) 1° 1° 1° SSE						1		
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4* 4* MS24693S272 SCREW 4* 4* AN960JD10LL WASHER 4* 4* MS21042L3 NUT 1 1 D412-702-309 HARNESS ASSEMBLY (NEW) 1* 1* D3573-3 ADAPTER 1* 1* D4088-041 SHOULDER HARNESS (NEW) 4* 4* MS24693S272 SCREW 4* 4* AN960JD10LL WASHER	1*	1*				1*	D4088-041	SHOULDER HARNESS (NEW)
4* 4* AN960JD10LL WASHER 4* 4* MS21042L3 NUT 1 1 D412-702-309 HARNESS ASSEMBLY (NEW) 1* 1* D3573-3 ADAPTER 1* 1* D4088-041 SHOULDER HARNESS (NEW) 4* 4* MS24693S272 SCREW 4* 4* AN960JD10LL WASHER	4*	4*				4*	MS24693S272	
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4* 4* AN960JD10LL WASHER								
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		4*						

* denotes that part is included in assembly above

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

BY: D. SHEPH#RD (DE # 02)

DATE: _______10.03.22 CERT. NO.: ______ SH04-7 ISSUE NO.: _____ 3 continued next page...

w/0 59648

DESIGN	9	DART AEROSPACE LTD					
DRAWN	9?	HAWKESBURY, ONTARIO, CANADA					
CHECKED		DRAWING NO.	REV. A				
MFG. APPR.	N/A	DSI 9511	SHEET 3 OF 6				
APPROVED	140,	TITLE	SCALE				
DE APPR.	#	NEW SHOULDER HARNESS KITS	NTS				
DATE 10.0	3.18	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND COMFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DARK TARROSPACE LTD.					

W/O:			W	ORK ORDER CHANG	GES				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	D	ate Q1	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:							
	R	esolution:	Dispositio	n:	QA: N/C	QA: N/C Closed: Date:			
NCR:		•	WORK ORD	ER NON-CONFORM	IANCE (N	CR)			×
DATE	STEP	Description of NC	Description of NC Corrective Ac			Verification Approx			
		Section A	Initial Chief Eng	Action Description Chief Eng	Sig Da	n &	Section C	Chief Eng	Approval QC Inspector
		·							
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MATE								1	1

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QTY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
1		1		-		D412-702-311	HARNESS ASSEMBLY (NEW)
1*		1*				D3570-1	BRACKET
1*		1*				D4088-043	SHOULDER HARNESS (NEW)
4*		4*				MS24694S50	SCREW
4*		4*				AN960JD10L	WASHER
4*		4*				MS21042L3	NUT
1		1				D412-702-313	HADNESS ASSEMBLY (ALTM)
1*		1*				D3570-2	HARNESS ASSEMBLY (NEW) BRACKET
1*		1*				D4088-043	
4*		4*	-			MS24694S50	SHOULDER HARNESS (NEW) SCREW
4*		4*				AN960JD10L	WASHER
4*		4*				MS21042L3	NUT
	 	4				WI321042L3	NOT
1			1			D412-702-315	HARNESS ASSEMBLY (NEW)
1*			1*			D3573-5	ADAPTER
1*			1*			D4088-041	SHOULDER HARNESS (NEW)
4*			4*			MS24693S272	SCREW
4*			4*			AN960JD10LL	WASHER
4*			4*			MS21042L3	NUT
1			1			D412-702-317	HARNESS ASSEMBLY (NEW)
1*			1*			D3573-5	ADAPTER
1*			1*			D4088-041	SHOULDER HARNESS (NEW)
4*			4*			MS24693S272	SCREW
4*			4*			AN960JD10LL	WASHER
4*			4*			MS21042L3	NUT
1		1				D412-702-321	HARNESS ASSEMBLY (NEW)
1*		1*				D3570-3	BRACKET
1*		1*				D4088-043	SHOULDER HARNESS (NEW)
4*		4*				MS24694S50	BOLT
4*		4*				AN960JD10L	WASHER
4*		4*				MS21042L3	NUT
1		1				D412-702-323	HARNESS ASSEMBLY (NEW)
1*		1*				D3570-4	BRACKET
1*		1*				D4088-043	SHOULDER HARNESS (NEW)
4*		4*				MS24694S50	BOLT
4*		4*				AN960JD10L	WASHER
4*		4*				MS21042L3	NUT

* denotes that part is included in assembly above

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CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

BY: D. SHEPHERD (DE # 02)

DESIGN	q	DART AEROSPACE LTD				
DRAWN	9?	HAWKESBURY, ONTARIO, CA	NADA			
CHECKED	Ja	DRAWING NO.	REV. A			
MFG. APPR.	N/A	DSI 9511	SHEET 4 OF 6			
APPROVED	140,	TITLE	SCALE			
DE APPR.	#	NEW SHOULDER HARNESS KIT	S NTS			
DATE 10.0	3.18	COPYRIGHT © 2010 BY DART AEROSPA THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EX HOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO AN WROTTEN PERMISSION FROM DART AEROSPACE LT	PRESS CONDITION THAT IT IS			

W/O:			W	ORK ORDER CHANG	ES			
DATE	STEP	PRO	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
· · · · · · · · · · · · · · · · · · ·								
Part No	•	PAR #:	Fault Cate	egory:	_ NCR: Yes	No DQA:	Date:	<u></u>
						QA: N/C Closed: Date:		
NCR:		V	VORK ORD	ER NON-CONFORMA	ANCE (NCF	R)		
DATE	STEP	Description of NC	on of NC Corrective Action Section			Verification	Approval	Approval
DAIL	JILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Section C	Chief Eng	QC Inspector
								·

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QTY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
2	2					D3542-1	BRACKET
7	3		4	1		D3571-1	GUIDE
2	2					D3571-3	GUIDE
2		2				D3572-041	GUIDE ASSEMBLY
12	6		6	2		D3578-041	DOUBLER
2	2					D3610-041	BRACKET
2	2					D3618-1	CAP
4	4					AN4-10A	BOLT
2		2				AN4-16A	BOLT
4		4				AN4-25A	BOLT
4		4				AN4-27A	BOLT (DSI 9469)
2	2					AN4-44A	BOLT
2	2					MS24693S274	SCREW
3	3			1		MS24694S56	SCREW
10	2		8			MS24694S58	SCREW
1	1			1		MS24694S60	SCREW
26	6	20				AN960JD416	WASHER
4	4					AN960JD416L	WASHER
12	6	6				MS21042L4	NUT
24	12		12	4		CR3212-4-4	RIVET

W/1 39648.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

BY: D. SHEPHBRD (DE # 02)

DESIGN	P	DART AEROSPACE LTD					
DRAWN	97	HAWKESBURY, ONTARIO, CANADA					
CHECKED	4	DRAWING NO. REV. A					
MFG. APPR.	N/A	DSI 9511 SHEET 5 OF 6					
APPROVED AP		TITLE SCALE					
DE APPR.	-##	NEW SHOULDER HARNESS KITS NTS					
DATE 10.0	3.18	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WITTEN PENSISSON FROM DART AEROSPACE LTD.					

W/O:	WORK ORDER CHANGES										
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву		Approval Chief Eng / Prod Mgr	Approval QC Inspector			
Part No		PAR #:									
	Re			Disposition: QA: N/C Closed: _				ed: Date:			
NCR:		•	WORK ORDI	ER NON-CONFORMA	ANCE (N	CR)					
DATE	STEP	Description of NC	Corrective Action Section B			Verifica			tion Approval	Approval	
	JILI	Section A	Initial Chief Eng	Action Description Chief Eng	Sig Da	n & ite	Section C		Chief Eng	QC Inspector	
	1		1		!	ı			1		

[·] NOTE: Date & initial all entries

H?\fFORMS\Quality Assurance\approved QA\NCRWO RevE

TABLE 3

QTY -337	QTY -353	Part Number	Description
х		D214-702-337	Dart 5-Man 3 Point Aft Facing Shoulder Harness Kit, for 214 Aircraft
	х	D205-702-353	Dart 4-Man 3 Point Aft Facing Shoulder Harness Kit, for UH-1 Aircraft
1	2	D412-702-311	HARNESS ASSEMBLY (NEW) -> SEE TABLE 2
1_	2	D412-702-313	HARNESS ASSEMBLY (NEW)> SEE TABLE 2
1		D412-702-321	HARNESS ASSEMBLY (NEW) -> SEE TABLE 2
1		D412-702-323	HARNESS ASSEMBLY (NEW)> SEE TABLE 2
1		D412-702-319	HARNESS ASSEMBLY (NEW)
1*		D3925-041	BRACKET
1*		D4088-043	SHOULDER HARNESS ASSEMBLY (NEW)
4*		MS24694S50	BOLT
4*		AN960JD10L	WASHER
4*		MS21042L3	NUT
	1	D3572-043	GUIDE ASSY
	1	D3572-043	GUIDE ASSY
1	 '	D3920-041	SEATBELT GUIDE ASSEMBLY
2		D3920-5	SEATBELT GUIDE
1	6	AN4-16A	BOLT
1	 	AN4-21A	BOLT
7		AN4-25A	BOLT
18	12	AN960JD416	WASHER
9	6	MS21042L4	NUT

^{*} denotes that part is included in assembly above

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CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

BY: D. SHEPHERD (DE # 02)

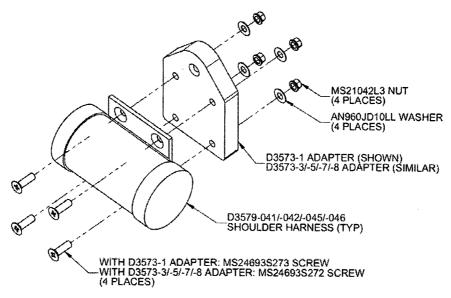
DESIGN	97	DART AEROSPACE LTD					
DRAWN	97	HAWKESBURY, ONTARIO, CANADA					
CHECKED	4	DRAWING NO.	REV. A				
MFG. APPR.	N/A	DSI 9511	SHEET 6 OF 6				
APPROVED 19		TITLE	SCALE				
DE APPR.	#	NEW SHOULDER HARNESS KIT	S NTS				
DATE 10.0	3.18	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERSONSION FROM DART AEROSPACE IT.					

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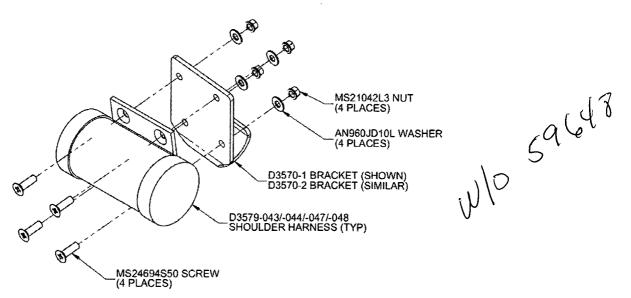
W/O:			W	ORK ORDER CHANG	ES						
DATE	STEP	PRO	ROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQA	:	Date: _	<u> </u>		
Resolution:			Dispositio	Disposition: QA: N/C Clos				sed: Date:			
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DAIL	JIEF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section		Chief Eng	QC Inspector		
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NOTE: Date & initial all entries

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE



DETAIL 'K' D412-702-101A/-103A/-105A/-107A/-109A/-115A/-117A AND D412-702-101B/-103B/-105B/-107B/-109B/-115B/-117B HARNESS ASSEMBLIES (BELTS, K6.2 CLIP AND D3569-1/-2/-3 DECAL NOT SHOWN)



DETAIL 'L' D412-702-111A/-111B/-113A/-113B HARNESS ASSEMBLIES (BELTS AND D3569-1/-2/-3 DECALS NOT SHOWN)

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